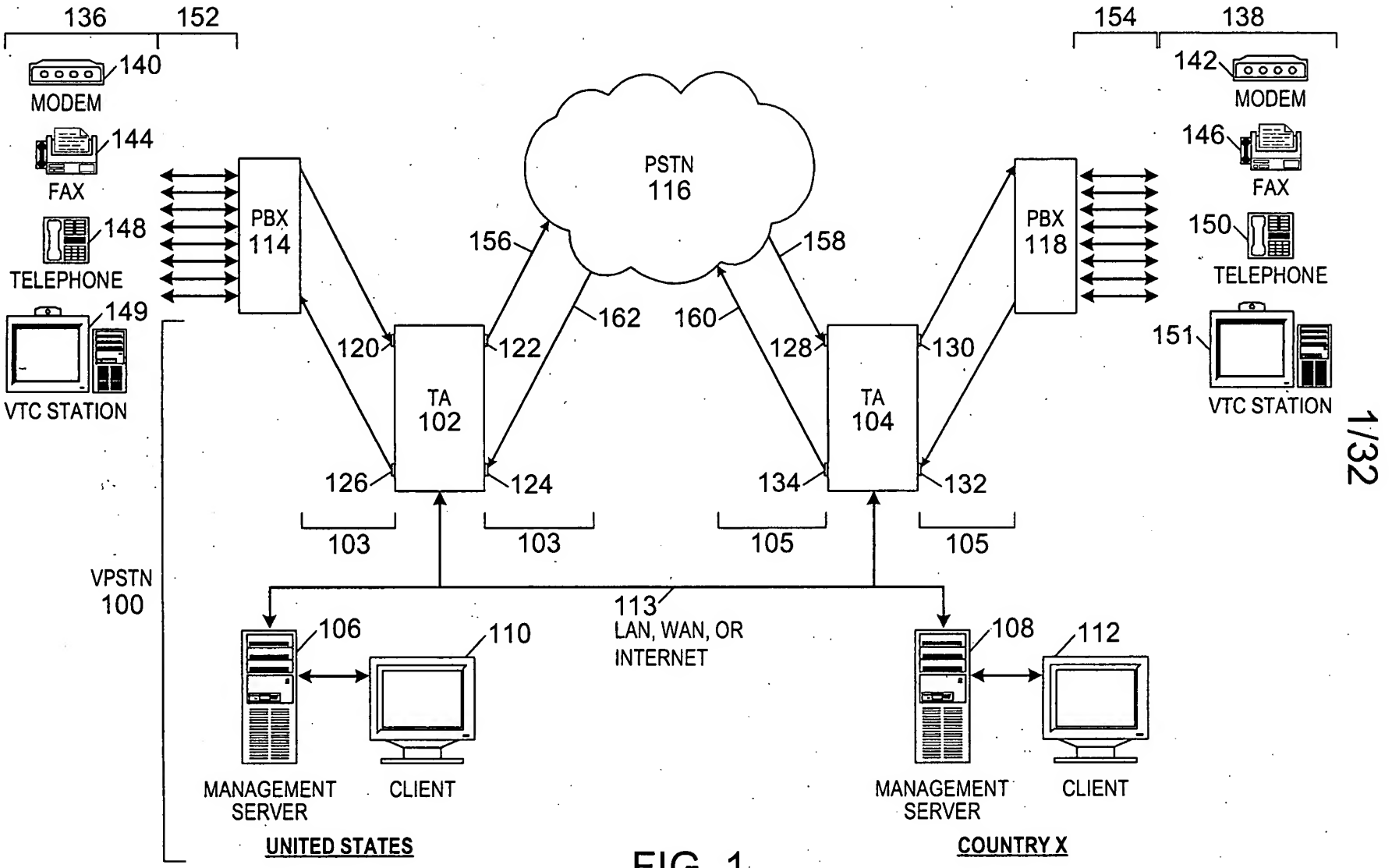

136
152
154
138
140
MODEM
142
MODEM
144
FAX
146
FAX
148
TELEPHONE
150
TELEPHONE
149
VTC STATION
151
VTC STATION
PBX
114
PBX
118
PSTN
116
156
158
162
160
120
122
128
130
TA
102
TA
104
126
124
134
132
103
103
105
105
VPSTN
100
113
LAN, WAN, OR
INTERNET
106
110
108
112
MANAGEMENT
SERVER
CLIENT
MANAGEMENT
SERVER
CLIENT
UNITED STATES
COUNTRY X

FIG. 1

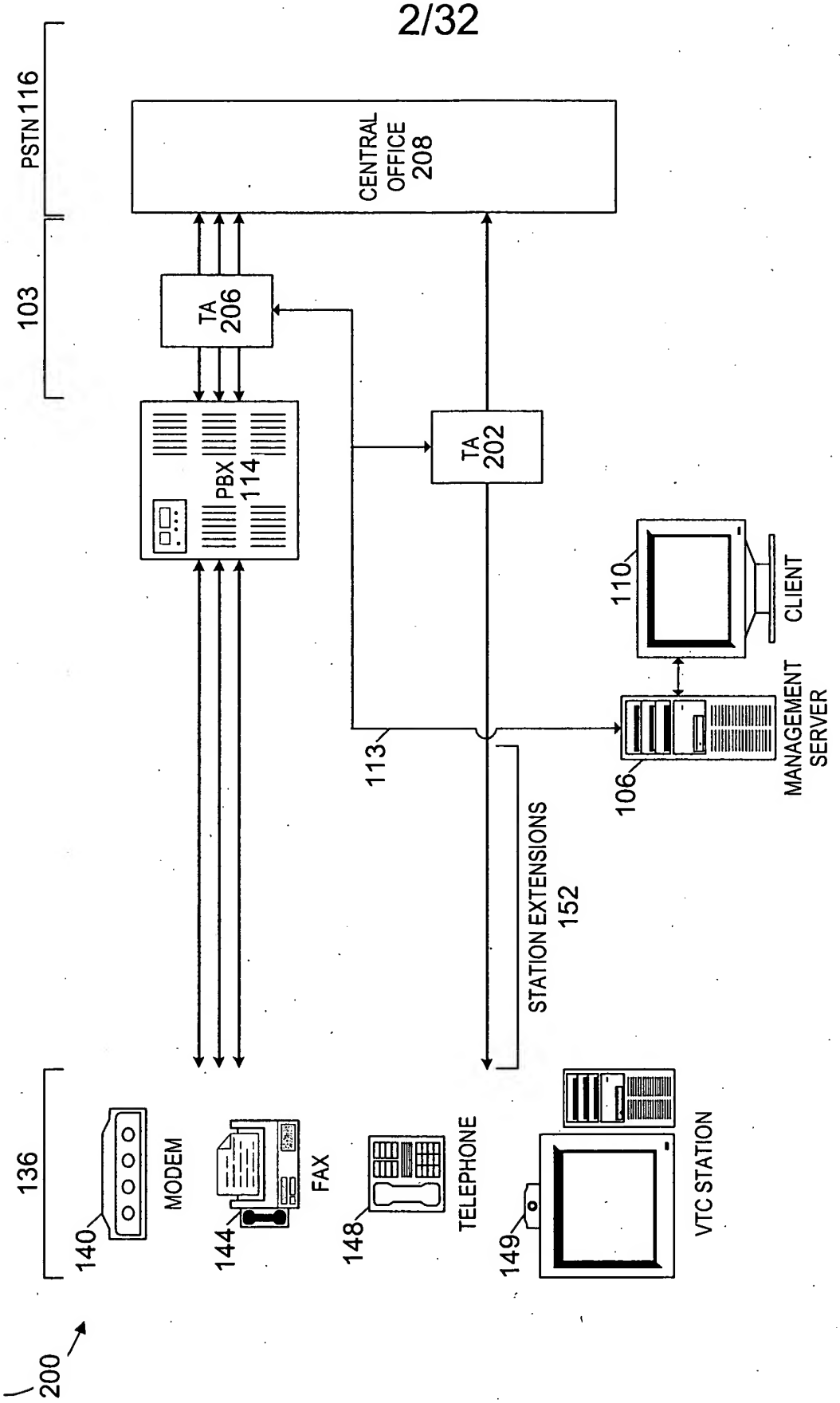
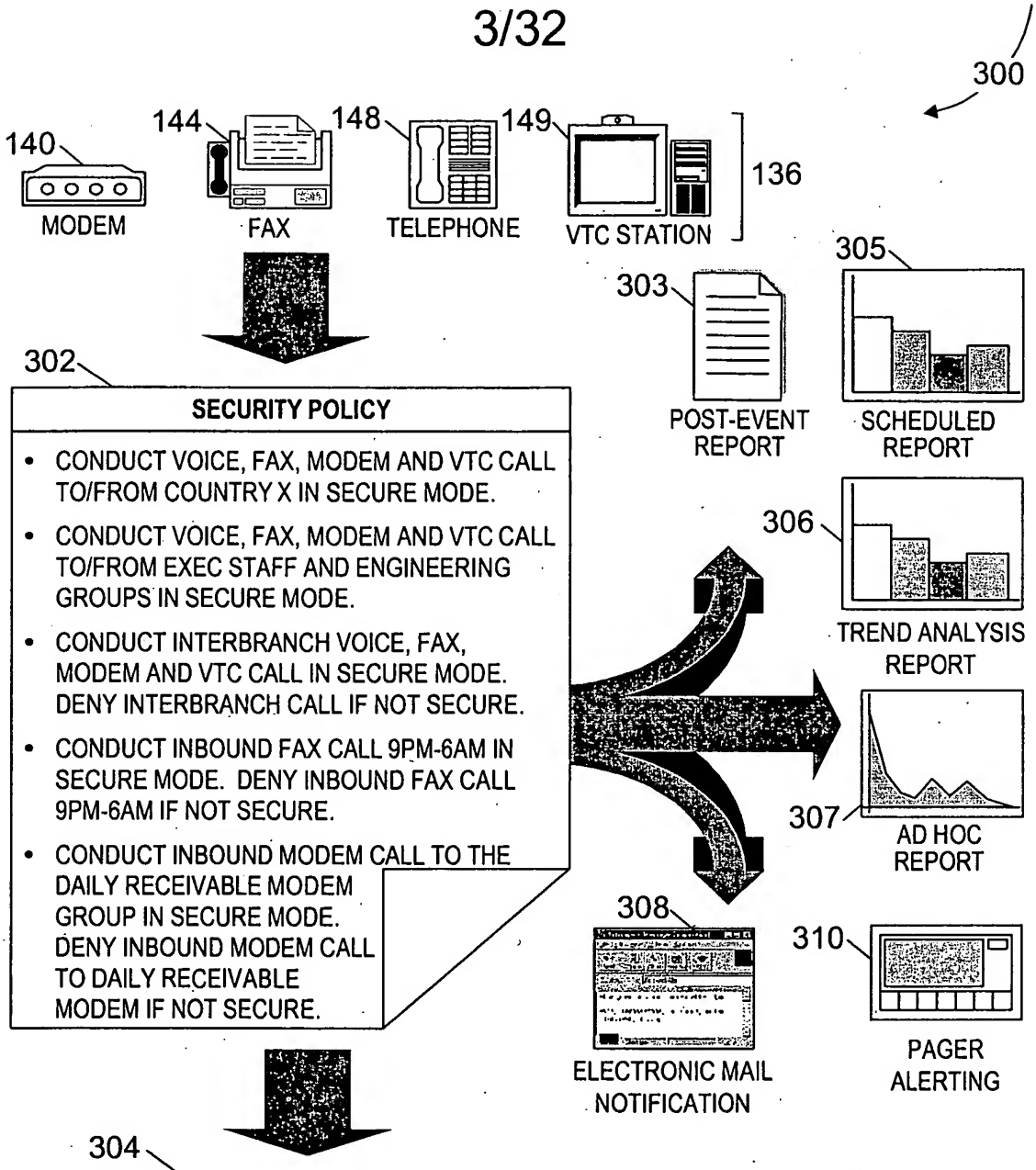

PSTN 116
103
CENTRAL OFFICE 208
TA 206
PBX 114
TA 202
110
CLIENT
MANAGEMENT SERVER
106
113
STATION EXTENSIONS 152
136
MODEM
140
FAX
144
TELEPHONE
148
VTC STATION
149
200

FIG. 2



304

LINE	CALL	DIRECTION	TYPE	DATE	TIME	DESCRIPTION
8002	15124023946	INBOUND	MODEM	24-JUN-98	8:15 AM	SECURE INBOUND MODEM CALL TO DAILY RECEIVABLE
6803	18926808271	OUTBOUND	VOICE	24-JUN-98	9:00 AM	SECURE OUTBOUND VOICE CALL FROM EXEC STAFF
6503	011*XXX*1211	INBOUND	VOICE	24-JUN-98	4:00 PM	SECURE INBOUND VOICE CALL FROM COUNTRY *X*
7004	18304589194	INBOUND	FAX	24-JUN-98	9:47 PM	SECURE INBOUND FAX CALL 9PM - 6AM

FIG. 3

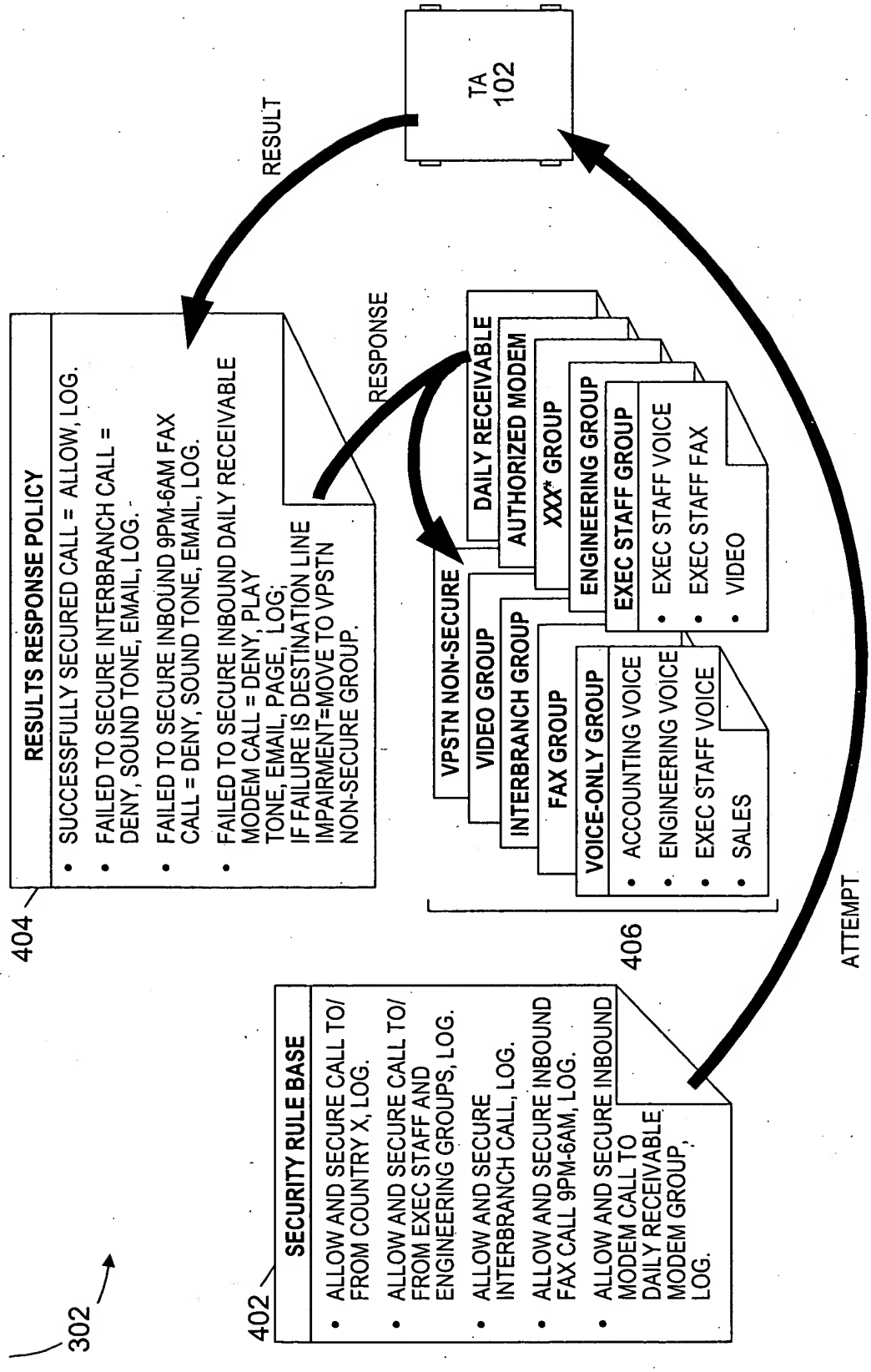

302
402
SECURITY RULE BASE
• ALLOW AND SECURE CALL TO/ FROM COUNTRY X, LOG.
• ALLOW AND SECURE CALL TO/ FROM EXEC STAFF AND ENGINEERING GROUPS, LOG.
• ALLOW AND SECURE INTERBRANCH CALL, LOG.
• ALLOW AND SECURE INBOUND FAX CALL 9PM-6AM, LOG.
• ALLOW AND SECURE INBOUND MODEM CALL TO DAILY RECEIVABLE MODEM GROUP, LOG.
404
RESULTS RESPONSE POLICY
• SUCCESSFULLY SECURED CALL = ALLOW, LOG.
• FAILED TO SECURE INTERBRANCH CALL = DENY, SOUND TONE, EMAIL, LOG.
• FAILED TO SECURE INBOUND 9PM-6AM FAX CALL = DENY, SOUND TONE, EMAIL, LOG.
• FAILED TO SECURE INBOUND DAILY RECEIVABLE MODEM CALL = DENY, PLAY TONE, EMAIL, PAGE, LOG; IF FAILURE IS DESTINATION LINE IMPAIRMENT=MOVE TO VPSTN NON-SECURE GROUP.
406
VPSTN NON-SECURE
VOICE-ONLY GROUP
• ACCOUNTING VOICE
• ENGINEERING VOICE
• EXEC STAFF VOICE
• SALES
FAX GROUP
INTERBRANCH GROUP
VIDEO GROUP
EXEC STAFF GROUP
• EXEC STAFF VOICE
• EXEC STAFF FAX
• VIDEO
ENGINEERING GROUP
XXX* GROUP
AUTHORIZED MODEM
DAILY RECEIVABLE
RESPONSE
RESULT
ATTEMPT
TA 102

FIG. 4

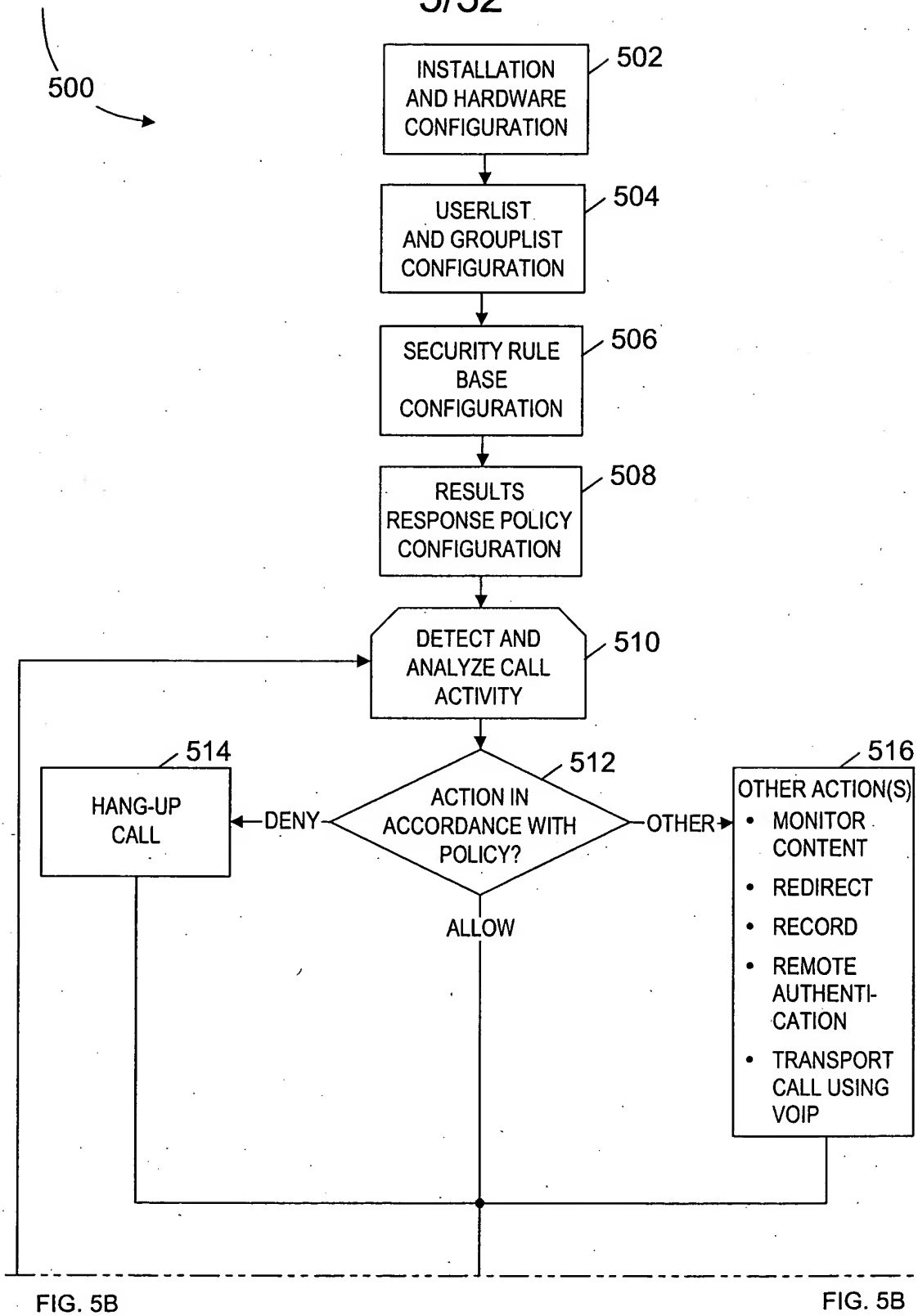

500
INSTALLATION AND HARDWARE CONFIGURATION
502
USERLIST AND GROUPLIST CONFIGURATION
504
SECURITY RULE BASE CONFIGURATION
506
RESULTS RESPONSE POLICY CONFIGURATION
508
DETECT AND ANALYZE CALL ACTIVITY
510
ACTION IN ACCORDANCE WITH POLICY?
512
DENY
OTHER
ALLOW
HANG-UP CALL
514
OTHER ACTION(S)
• MONITOR CONTENT
• REDIRECT
• RECORD
• REMOTE AUTHENTI-CATION
• TRANSPORT CALL USING VOIP
516
FIG. 5B
FIG. 5B

FIG. 5A

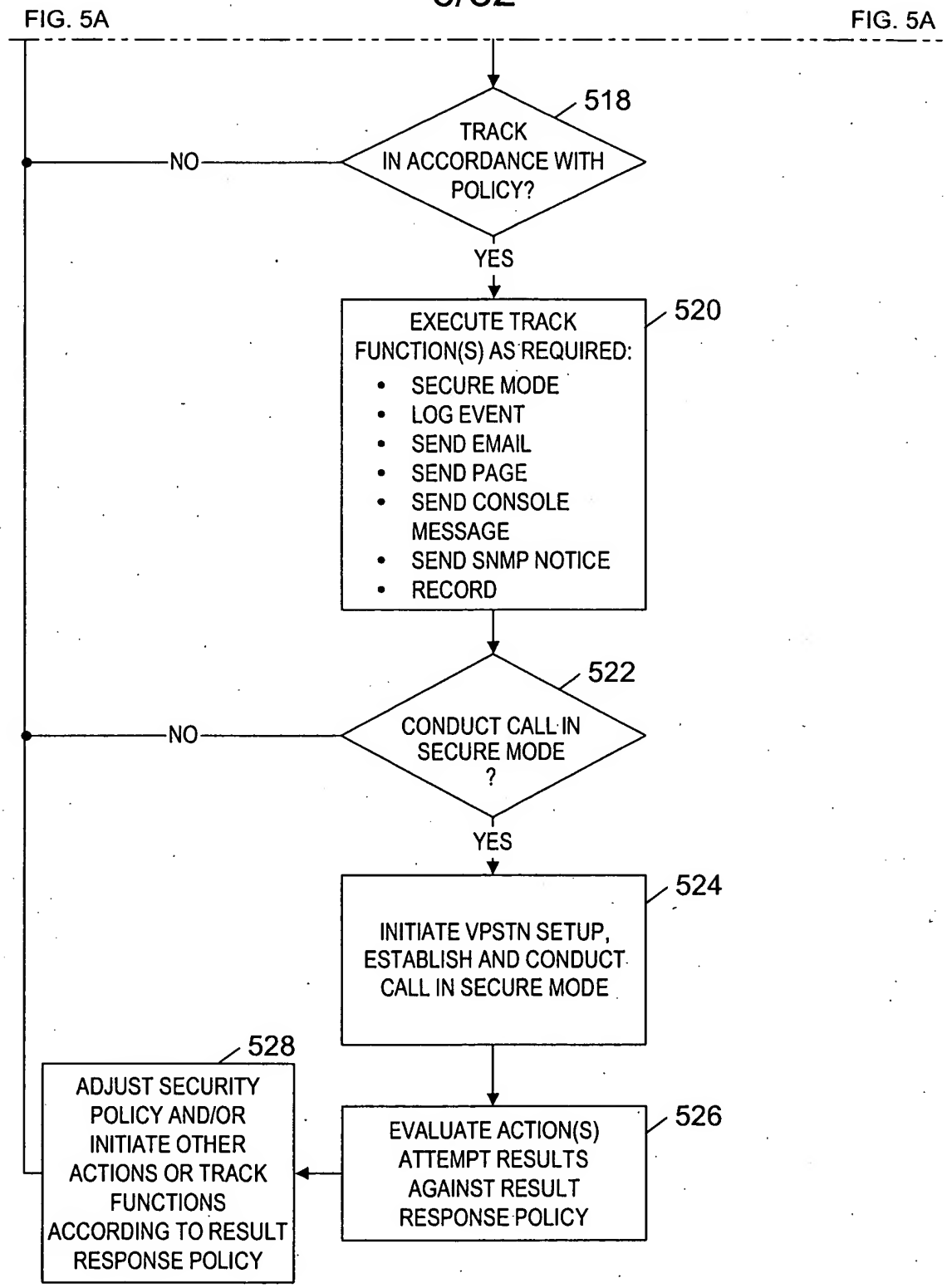


FIG. 5A
FIG. 5A
518
TRACK IN ACCORDANCE WITH POLICY?
NO
YES
520
EXECUTE TRACK FUNCTION(S) AS REQUIRED:
• SECURE MODE
• LOG EVENT
• SEND EMAIL
• SEND PAGE
• SEND CONSOLE MESSAGE
• SEND SNMP NOTICE
• RECORD
522
CONDUCT CALL IN SECURE MODE ?
NO
YES
524
INITIATE VPSTN SETUP, ESTABLISH AND CONDUCT CALL IN SECURE MODE
526
EVALUATE ACTION(S) ATTEMPT RESULTS AGAINST RESULT RESPONSE POLICY
528
ADJUST SECURITY POLICY AND/OR INITIATE OTHER ACTIONS OR TRACK FUNCTIONS ACCORDING TO RESULT RESPONSE POLICY

FIG. 5B

406

EXTENSION GROUPS	ELEMENTS	COMMENT
ACCOUNTING VOICE	210-402-6701 210-402-6702 210-402-6703	ACCOUNTING VOICE EXTENSIONS
DAILY RECEIVABLE MODEM	210-402-8000 210-402-8001 210-402-8002	MODEM EXTENSIONS USED ONLY FOR INBOUND CALLS UPLOADING DAILY RECEIPT INFORMATION
VIDEO	210-402-9000	VTC EXTENSION
ENGINEERING VOICE	210-402-66XX	ENGINEERING VOICE EXTENSIONS
ENGINEERING MODEM	210-402-8004 210-402-8005	APPROVED ENGINEERING DEPT. MODEM EXTENSIONS
ENGINEERING FAX	210-402-7001 210-402-7002	FAX EXTENSIONS USED BY THE ENGINEERING DEPT.
ENGINEERING	ENGINEERING VOICE ENGINEERING FAX ENGINEERING MODEM VIDEO	ALL KNOWN AND APPROVED VOICE, FAX, MODEM, AND VTC EXTENSIONS USED BY THE ENGINEERING DEPT.
SALES	210-402-6501 210-402-6502 210-402-6503	SALES VOICE EXTENSIONS
EXEC STAFF VOICE	210-402-6801 210-402-6802 210-402-6803	ADMINISTRATION VOICE EXTENSIONS
EXEC STAFF FAX	210-402-7003	FAX EXTENSIONS USED BY EXEC STAFF ONLY
EXEC STAFF	EXEC STAFF VOICE EXEC STAFF FAX VIDEO	ALL KNOWN AND APPROVED VOICE, FAX, AND VTC EXTENSIONS USED BY THE EXEC STAFF
VOICE-ONLY	SALES ENGINEERING VOICE EXEC STAFF VOICE ACCOUNTING VOICE	ALL VOICE-ONLY EXTENSIONS IN THE SAN ANTONIO FACILITY
FAX-ONLY	210-402-7000 210-402-7004 210-402-7005 ENGINEERING FAX EXEC STAFF FAX	ALL FAX-ONLY EXTENSIONS IN THE SAN ANTONIO FACILITY

FIG. 6B

FIG. 6B

FIG. 6A

FIG. 6A

FIG. 6A

AUTHORIZED MODEM	DAILY RECEIVABLE MODEM ENGINEERING MODEM 210-402-8006 210-402-8007 210-402-8008	KNOWN AND APPROVED MODEM EXTENSIONS
BRANCH OFFICES VOICE-ONLY	(ELEMENTS NOT SHOWN)	VOICE-ONLY EXTENSIONS AT BRANCH OFFICES
BRANCH OFFICES AUTHORIZED MODEM	(ELEMENTS NOT SHOWN)	APPROVED MODEM EXTENSIONS AT BRANCH OFFICES
BRANCH OFFICES FAX-ONLY	(ELEMENTS NOT SHOWN)	FAX EXTENSIONS AT BRANCH OFFICES
BRANCH OFFICES VIDEO	(ELEMENTS NOT SHOWN)	VTC EXTENSIONS AT BRANCH OFFICES
INTER-BRANCH	BRANCH OFFICES VOICE-ONLY BRANCH OFFICES AUTH. MODEM BRANCH OFFICES FAX-ONLY BRANCH OFFICES VIDEO	ALL KNOWN AND APPROVED VOICE, FAX, MODEM, AND VTC EXTENSIONS USED BY THE BRANCH OFFICES
VPSTN NON-SECURE	210-402-8003	FAILED VPSTN EXTENSIONS AND LINES–DENY FUTURE CALLS
*XXX**	*XXX**	ANY CALL TO/FROM COUNTRY *X* BASED ON COUNTRY CODE

FIG. 6B

402

SRB RULE	DIRECTION	SOURCE	DESTINATION	CALL TYPE	ACTION	TRACK	DATE	TIME	INSTALL ON	COMMENT
1	OUTBOUND	VPSTN NON-SECURE	ANY	ANY	DENY	EMAIL, PAGE, LOG	ANY	ANY	ALL	DENYS OUTBOUND CALL FROM EXTENSION OR LINE FOUND TO BE NON-SECURE
2	INBOUND	ANY	VPSTN NON-SECURE	ANY	DENY	EMAIL, PAGE, LOG	ANY	ANY	ALL	DENYS INBOUND CALL TO EXTENSION OR LINE FOUND TO BE NON-SECURE
3	INBOUND	ANY	FAX-ONLY	FAX	ALLOW	SECURE MODE, LOG	ANY	9PM-6AM	ALL	ALLOWS AND SECURES INBOUND CALL TO FAX-ONLY GROUP BETWEEN 9PM AND 6AM, LOGS CALL
4	INBOUND	ANY	DAILY RECEIVABLE	MODEM	ALLOW	SECURE MODE, LOG	ANY	ANY	SAN ANTONIO	ALLOWS AND SECURES INBOUND MODEM CALL TO DAILY RECEIVABLE GROUP, LOGS CALL
5	OUTBOUND	ANY	*XXX* *	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES CALL TO COUNTRY *X*, LOGS CALL

FIG. 7B

FIG. 7B

FIG. 7A

FIG. 7A

FIG. 7A

6	INBOUND	*XXX* *	ANY	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES CALL FROM COUNTRY *X*, LOGS CALL
7	ANY	INTER-BRANCH	INTER-BRANCH	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES INTER-BRANCH CALL, LOGS CALL
8	OUTBOUND	EXEC STAFF, ENGINEERING	ANY	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES CALL FROM EXEC STAFF AND ENG. GROUPS, LOGS CALL
9	INBOUND	ANY	EXEC STAFF, ENGINEERING	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES CALL TO EXEC STAFF AND ENG. GROUPS, LOGS CALL
10	ANY	ANY	ANY	ANY	DENY	EMAIL, LOG	ANY	ANY	ALL	CATCH, DENY, ALERT, AND LOG ALL OTHER CALLS

FIG. 7B

404

RRP RULE	CURRENT GROUP	CALL TYPE	ATTEMPT	RESULT	ACTION	TRACK	ADJUST POLICY ?	MOVE TO	INSTALL ON	COMMENT
1	FAX-ONLY	FAX	SECURE MODE	SUCCESS	ALLOW	LOG	NO	N/A	ALL	SUCCESSFULLY SECURED INBOUND FAX CALL, CALL ALLOWED
				FAILED	DENY	TONE, EMAIL, LOG	NO	N/A		FAILED TO SECURE INBOUND FAX CALL, CALL DENIED
2	DAILY RECEIV-ABLE	MODEM	SECURE MODE	SUCCESS	ALLOW	LOG	NO	N/A	ALL	SUCCESSFULLY SECURED INBOUND MODEM CALL, CALL ALLOWED
				FAILED	DENY	TONE, EMAIL, PAGE, LOG	YES	VPSTN NON-SECURE		FAILED TO SECURE INBOUND MODEM CALL, CALL DENIED, EXTENSION MOVED AND SECURITY POLICY ADJUSTED
3	*XXX* *	VOICE, VTC	SECURE MODE	SUCCESS	ALLOW	TONE, LOG	NO	N/A	ALL	SUCCESSFULLY SECURED VOICE/VTC CALL, CALL ALLOWED
				FAILED	DENY	MESSAGE, EMAIL, LOG				FAILED TO SECURE VOICE/VTC CALL, CALL DENIED

FIG. 8B

FIG. 8A

FIG. 8B

FIG. 8A

FIG. 8A

4	*XXX* *	FAX, MODEM	SECURE MODE	SUCCESS	ALLOW	LOG	NO	N/A	ALL	SUCCESSFULLY SECURED FAX/MODEM CALL, CALL ALLOWED
				FAILED	DENY	TONE, EMAIL, LOG	NO	N/A		FAILED TO SECURE FAX/MODEM CALL, CALL DENIED
5	INTER-BRANCH	VOICE, VTC	SECURE MODE	SUCCESS	ALLOW	LOG	NO	N/A	ALL	SUCCESSFULLY SECURED VOICE/VTC CALL, CALL ALLOWED
				FAILED	DENY	MESSAGE, EMAIL, LOG	NO	N/A		FAILED TO SECURE VOICE/VTC CALL, CALL DENIED
6	INTER-BRANCH	FAX, MODEM	SECURE MODE	SUCCESS	ALLOW	LOG	NO	N/A	ALL	SUCCESSFULLY SECURED FAX/MODEM CALL, CALL ALLOWED
				FAILED	DENY	TONE, EMAIL, LOG	NO	N/A		FAILED TO SECURE FAX/MODEM CALL, CALL DENIED
7	EXEC STAFF, ENGI-NEERING	VOICE, VTC	SECURE MODE	SUCCESS	ALLOW	LOG	NO	N/A	ALL	SUCCESSFULLY SECURED VOICE/VTC CALL, CALL ALLOWED
				FAILED		MESSAGE, EMAIL, LOG				FAILED TO SECURE VOICE/VTC CALL, CALL ALLOWED WITH MESSAGE

FIG. 8C

FIG. 8C

FIG. 8B

FIG. 8B

FIG. 8B

8	EXEC STAFF, ENGI-NEERING	FAX, MODEM	SECURE MODE	SUCCESS	ALLOW	LOG	NO	N/A	ALL	SUCCESSFULLY SECURED FAX/MODEM CALL, CALL ALLOWED
				FAILED		TONE, LOG				FAILED TO SECURE FAX/MODEM CALL, CALL ALLOWED WITH TONE
9	ANY	ANY	ANY	SUCCESS	DENY	EMAIL, LOG	NO	N/A	ALL	ALL OTHER CALLS DENIED AND LOGGED
				FAILED						

FIG. 8C

412

SRB RULE	DIRECTION	SOURCE	DESTINATION	CALL TYPE	ACTION	TRACK	DATE	TIME	INSTALL ON	COMMENT
1	ANY	ANY	ANY	ANY	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES CALL, WHEN POSSIBLE

FIG. 8D

414

RRP RULE	CURRENT GROUP	CALL TYPE	ATTEMPT	RESULT	ACTION	TRACK	ADJUST POLICY ?	MOVE TO	INSTALL ON	COMMENT
1	ANY	ANY	SECURE MODE	SUCCESS	ALLOW	LOG	NO	N/A	ALL	SUCCESSFULLY SECURED CALL, CALL ALLOWED
				FAILED	ALLOW	TONE, LOG	NO	N/A		FAILED TO SECURE CALL, CALL ALLOWED

FIG. 8E

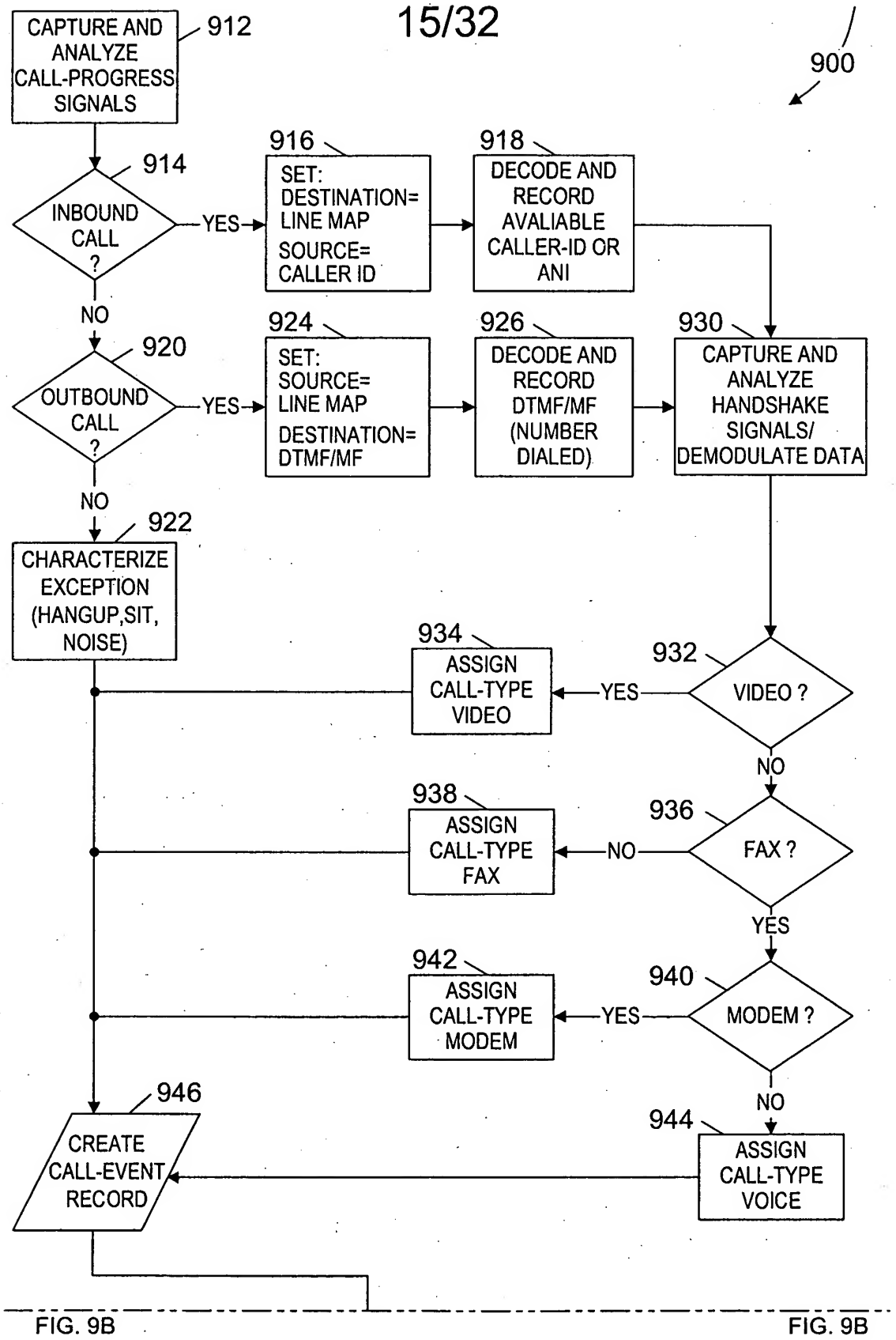

900
912
CAPTURE AND ANALYZE CALL-PROGRESS SIGNALS
914
INBOUND CALL ?
YES
916
SET: DESTINATION= LINE MAP
SOURCE= CALLER ID
918
DECODE AND RECORD AVALIABLE CALLER-ID OR ANI
NO
920
OUTBOUND CALL ?
YES
924
SET: SOURCE= LINE MAP
DESTINATION= DTMF/MF
926
DECODE AND RECORD DTMF/MF (NUMBER DIALED)
930
CAPTURE AND ANALYZE HANDSHAKE SIGNALS/ DEMODULATE DATA
NO
922
CHARACTERIZE EXCEPTION (HANGUP,SIT, NOISE)
934
ASSIGN CALL-TYPE VIDEO
YES
932
VIDEO ?
NO
938
ASSIGN CALL-TYPE FAX
NO
936
FAX ?
YES
942
ASSIGN CALL-TYPE MODEM
YES
940
MODEM ?
NO
946
CREATE CALL-EVENT RECORD
944
ASSIGN CALL-TYPE VOICE
FIG. 9B
FIG. 9B

FIG. 9A

FIG. 9A

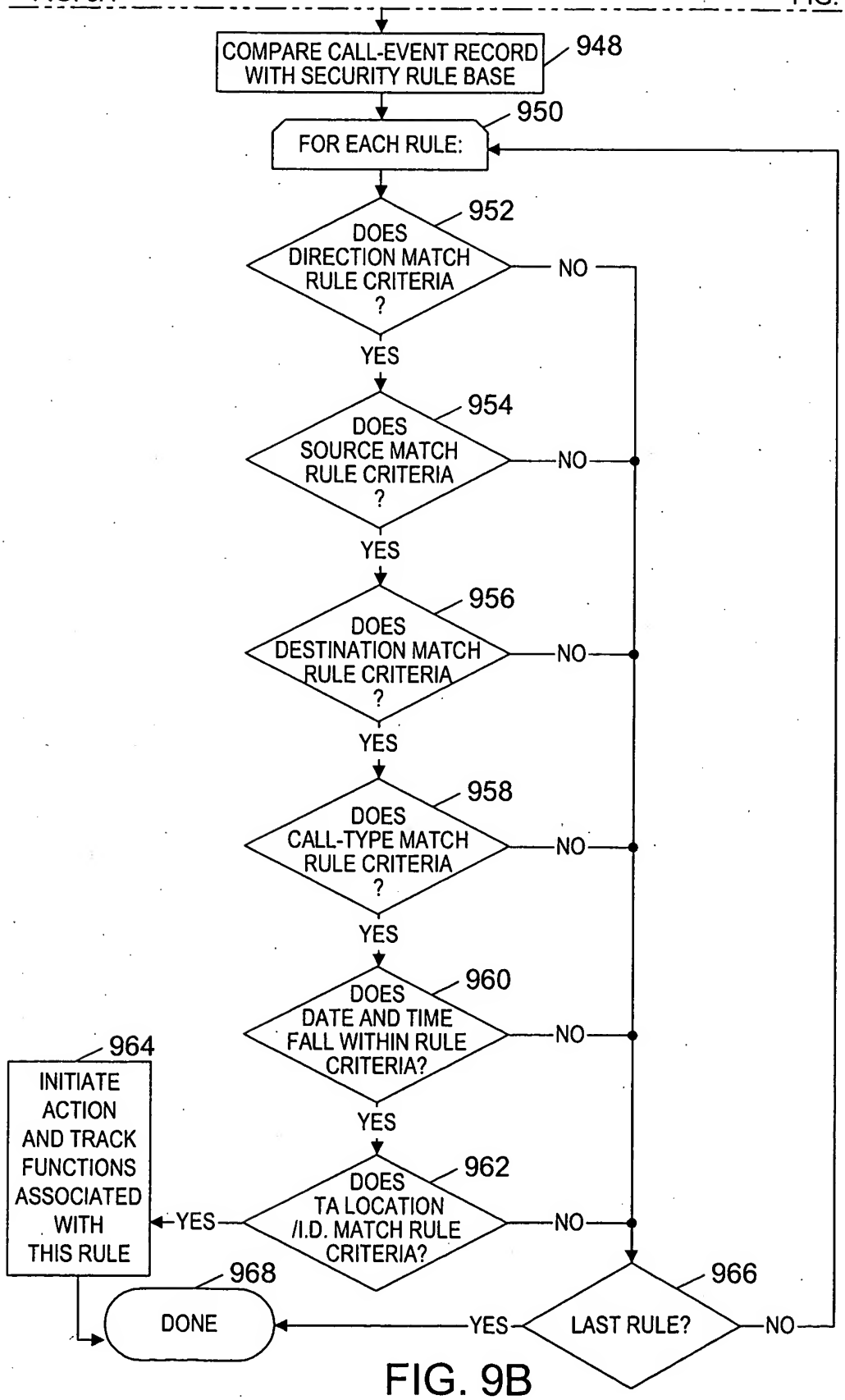


FIG. 9B

FIG. 9A

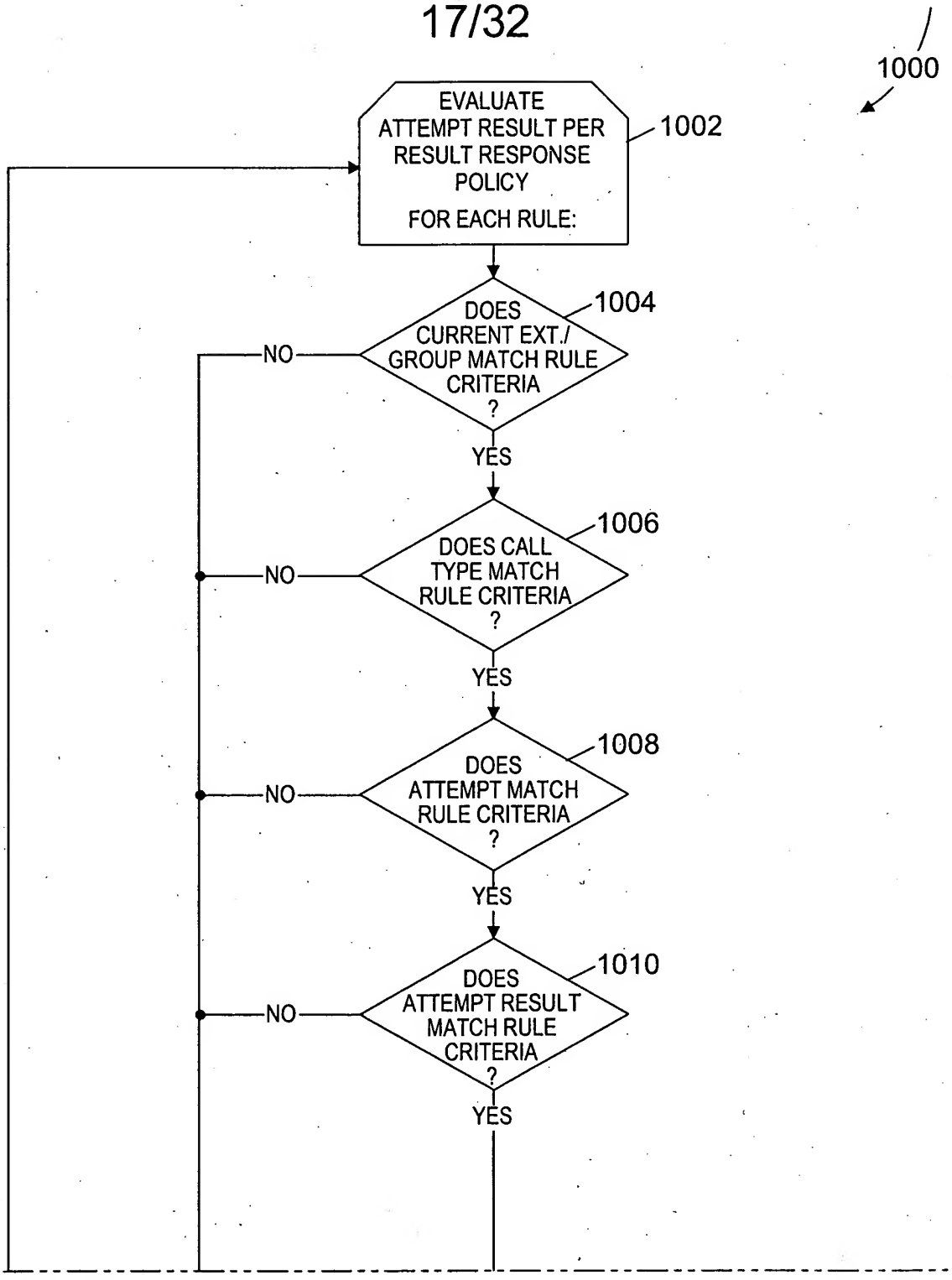


FIG. 10B FIG. 10B

FIG. 10A

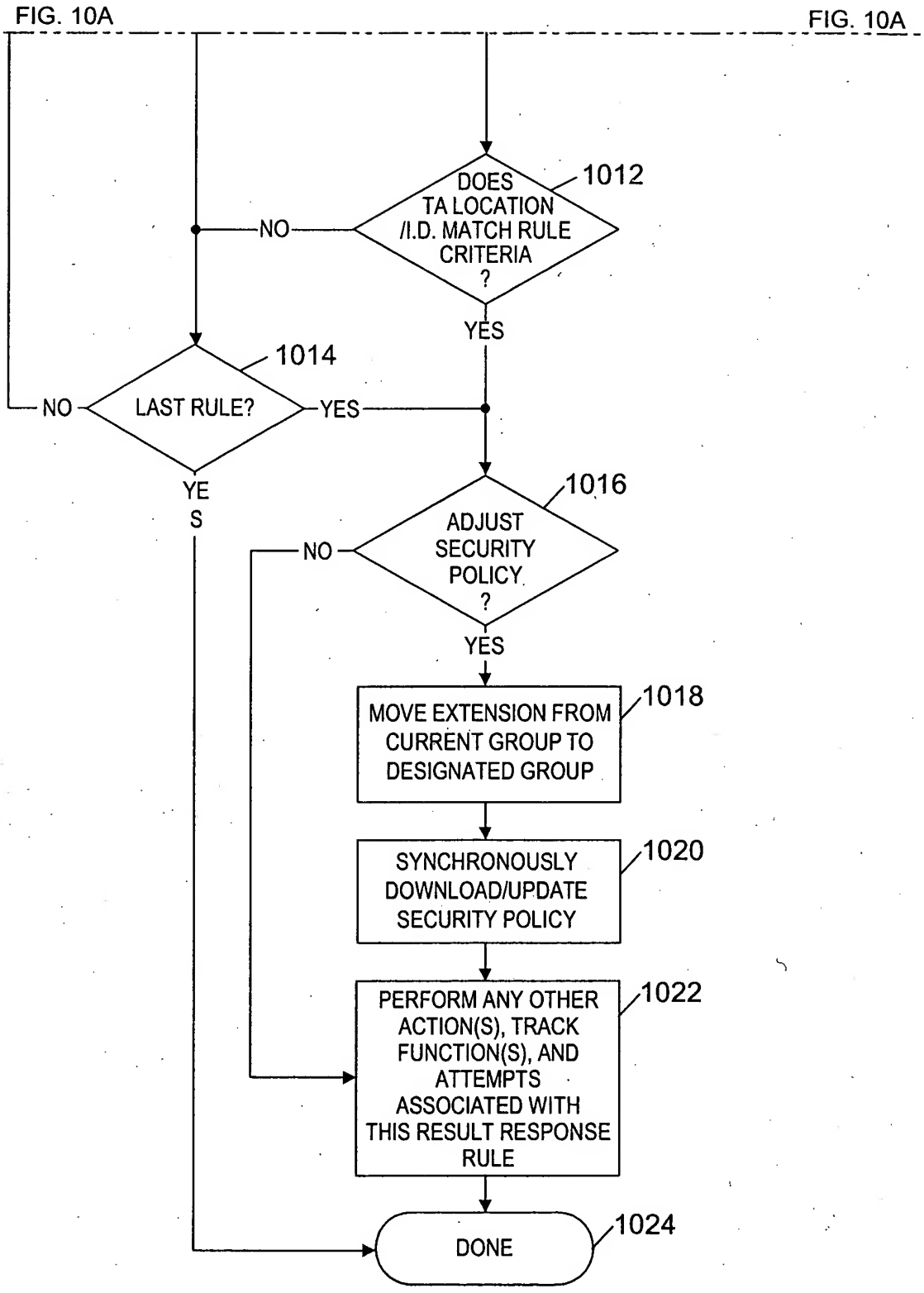


FIG. 10A
FIG. 10A
DOES TA LOCATION /I.D. MATCH RULE CRITERIA ?
1012
NO
YES
LAST RULE?
1014
NO
YES
YES
ADJUST SECURITY POLICY ?
1016
NO
YES
MOVE EXTENSION FROM CURRENT GROUP TO DESIGNATED GROUP
1018
SYNCHRONOUSLY DOWNLOAD/UPDATE SECURITY POLICY
1020
PERFORM ANY OTHER ACTION(S), TRACK FUNCTION(S), AND ATTEMPTS ASSOCIATED WITH THIS RESULT RESPONSE RULE
1022
DONE
1024

FIG. 10B

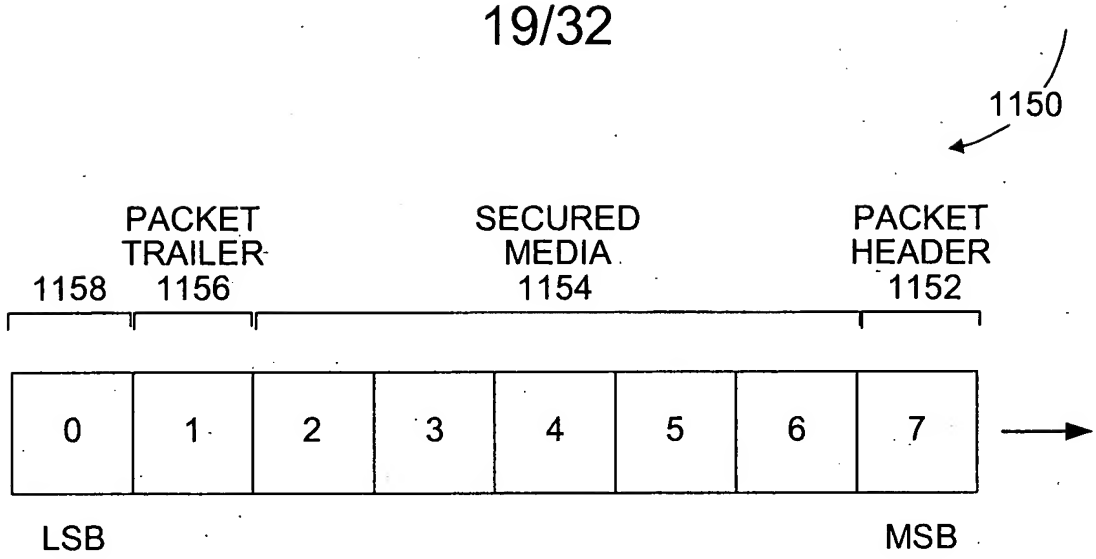

1150
PACKET TRAILER 1156
1158
SECURED MEDIA 1154
PACKET HEADER 1152
0
1
2
3
4
5
6
7
LSB
MSB

FIG. 11A

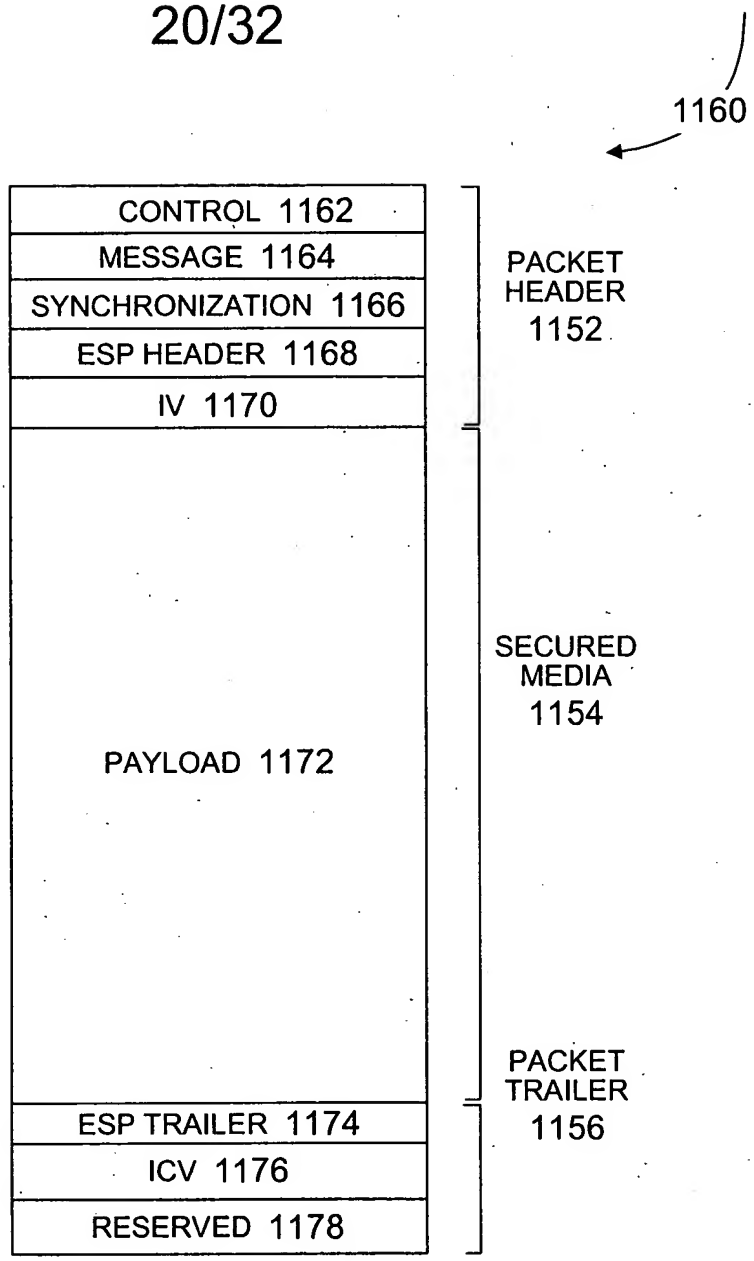

1160
CONTROL 1162
MESSAGE 1164
SYNCHRONIZATION 1166
ESP HEADER 1168
IV 1170
PACKET HEADER 1152
PAYLOAD 1172
SECURED MEDIA 1154
ESP TRAILER 1174
ICV 1176
RESERVED 1178
PACKET TRAILER 1156

FIG. 11B

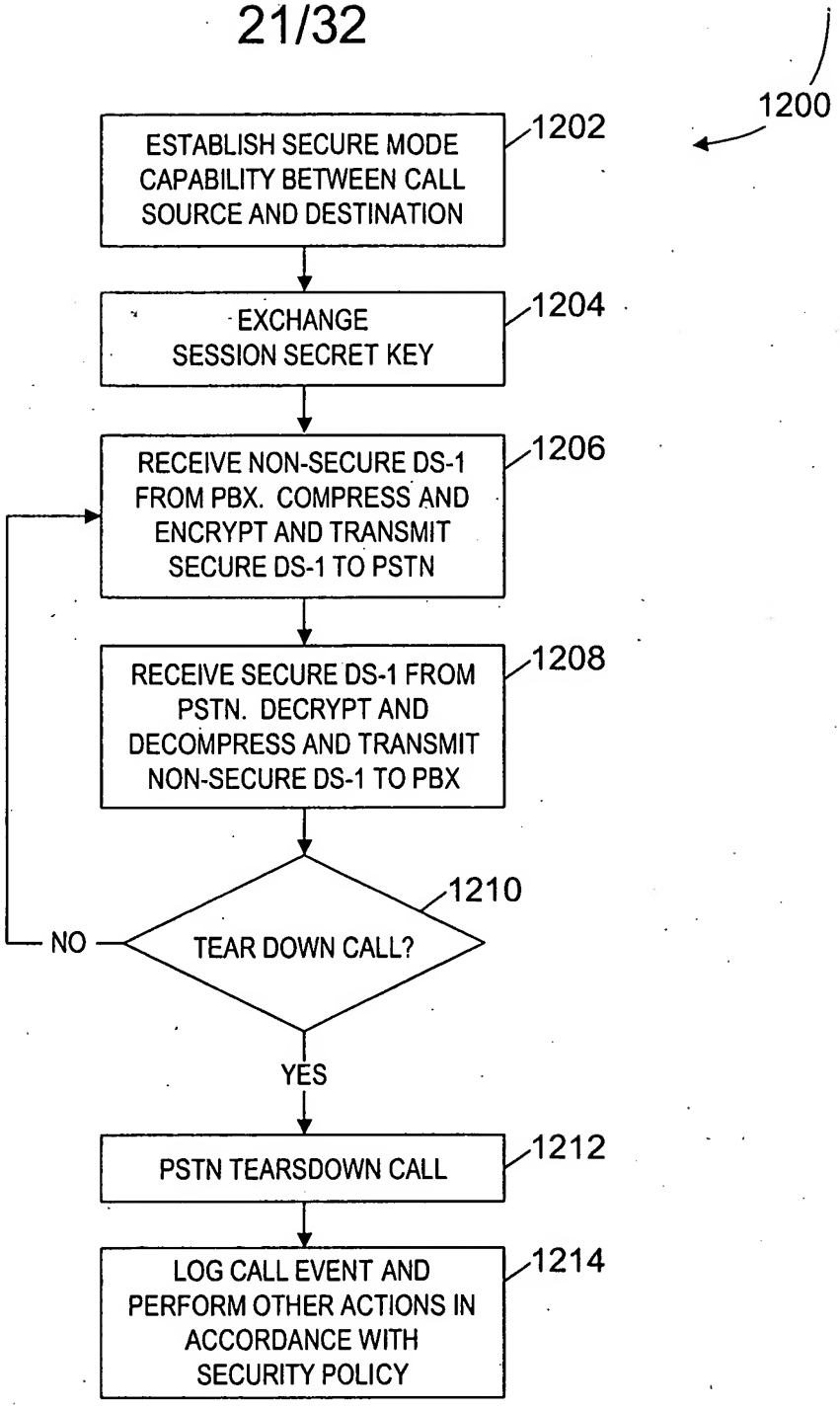

1200
ESTABLISH SECURE MODE CAPABILITY BETWEEN CALL SOURCE AND DESTINATION
1202
EXCHANGE SESSION SECRET KEY
1204
RECEIVE NON-SECURE DS-1 FROM PBX. COMPRESS AND ENCRYPT AND TRANSMIT SECURE DS-1 TO PSTN
1206
RECEIVE SECURE DS-1 FROM PSTN. DECRYPT AND DECOMPRESS AND TRANSMIT NON-SECURE DS-1 TO PBX
1208
TEAR DOWN CALL?
1210
NO
YES
PSTN TEARSDOWN CALL
1212
LOG CALL EVENT AND PERFORM OTHER ACTIONS IN ACCORDANCE WITH SECURITY POLICY
1214

FIG. 12

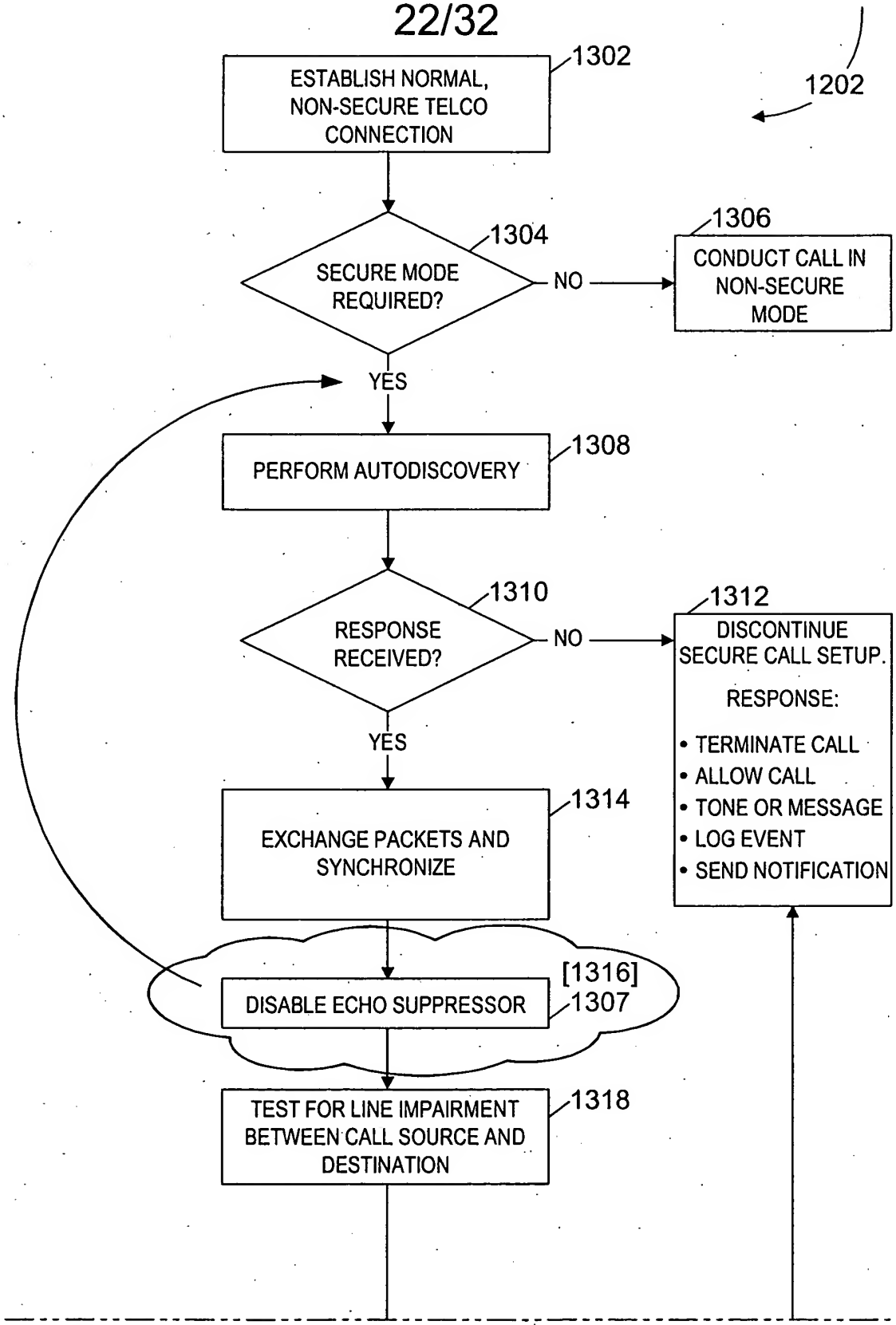


FIG. 13B FIG. 13B

FIG. 13A

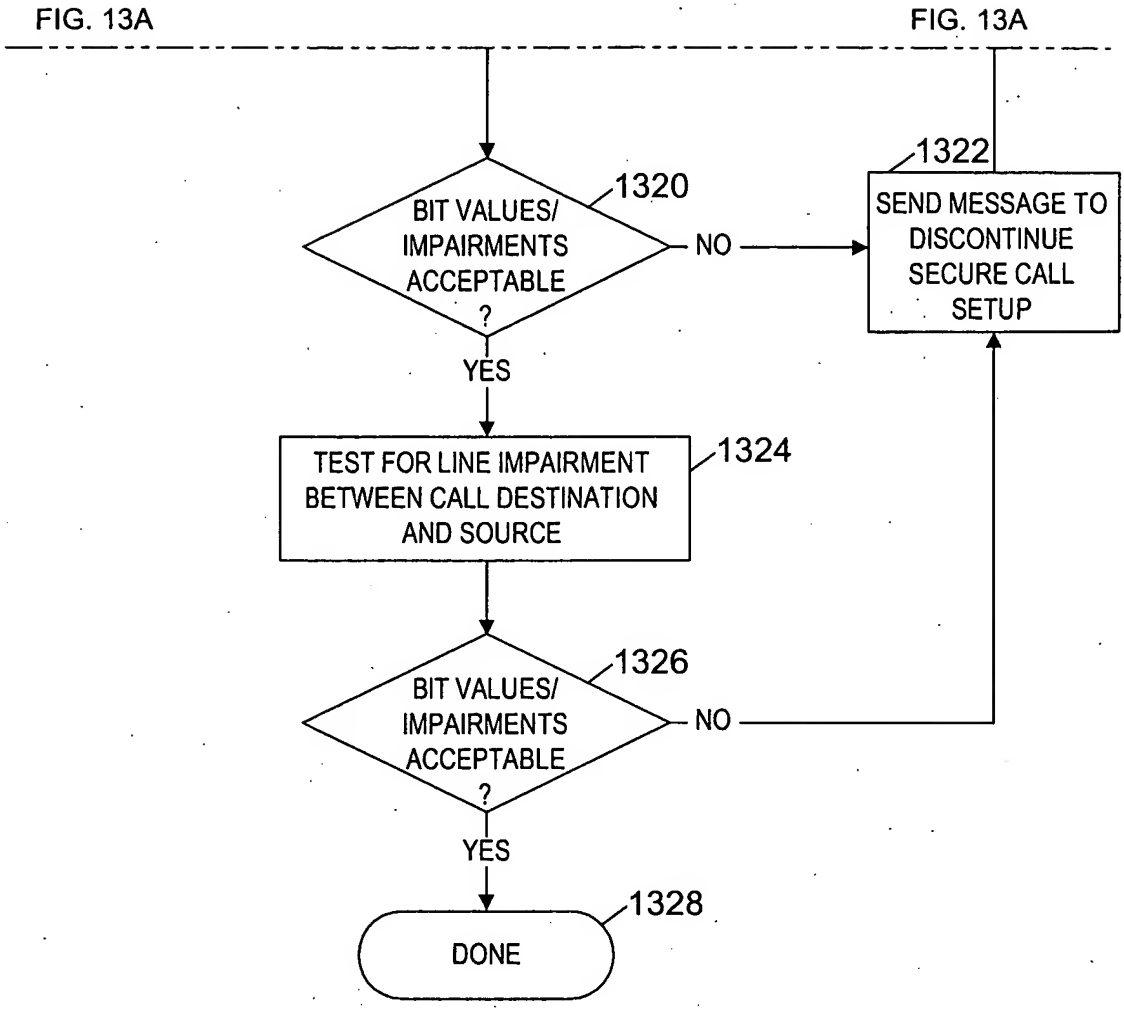


FIG. 13A
FIG. 13A
1320
BIT VALUES/ IMPAIRMENTS ACCEPTABLE ?
NO
1322
SEND MESSAGE TO DISCONTINUE SECURE CALL SETUP
YES
TEST FOR LINE IMPAIRMENT BETWEEN CALL DESTINATION AND SOURCE
1324
1326
BIT VALUES/ IMPAIRMENTS ACCEPTABLE ?
NO
YES
1328
DONE

FIG. 13B

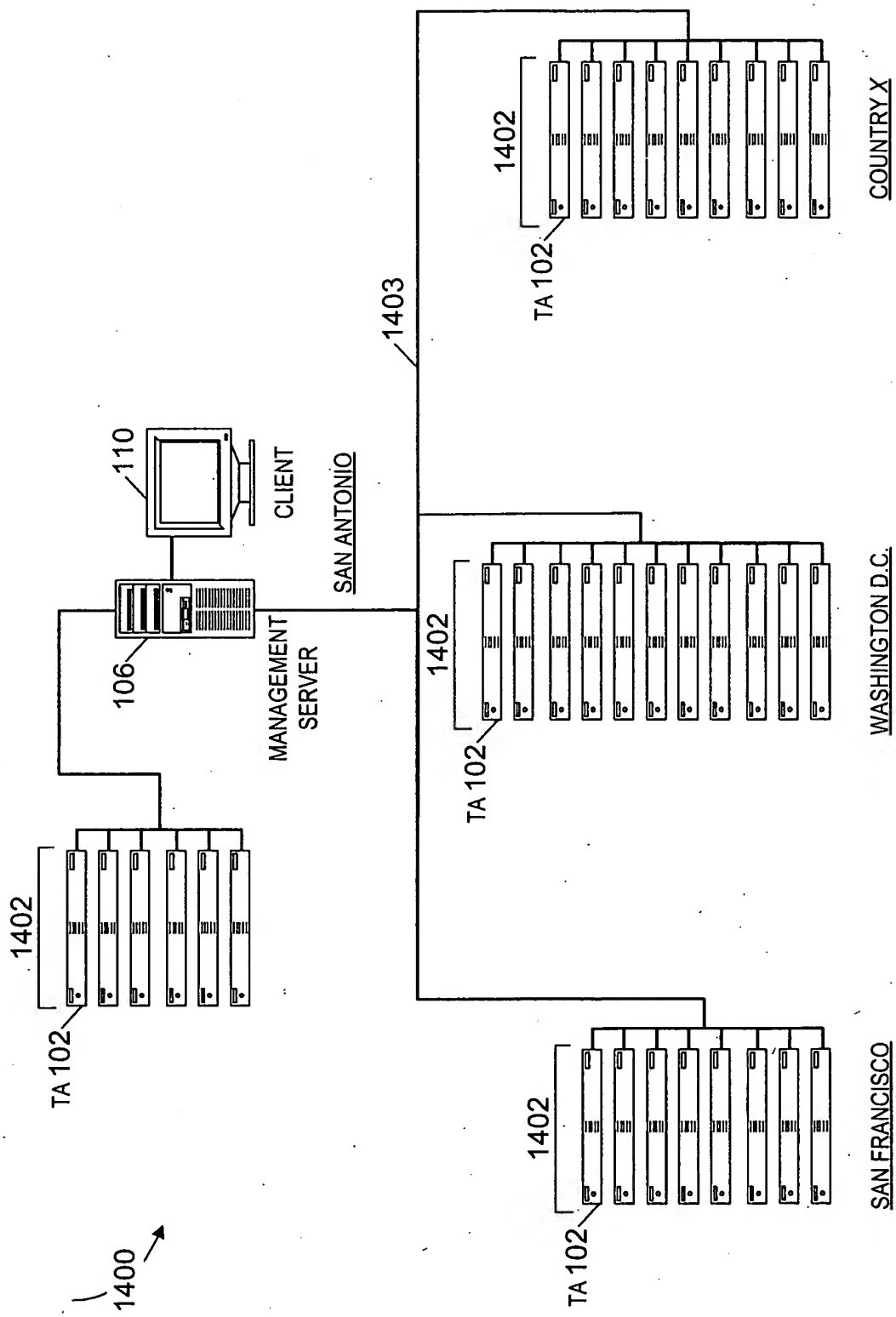

1400
1402
TA 102
SAN ANTONIO
1403
110
CLIENT
106
MANAGEMENT SERVER
1402
TA 102
WASHINGTON D.C.
1402
TA 102
COUNTRY X
1402
TA 102
SAN FRANCISCO

FIG. 14

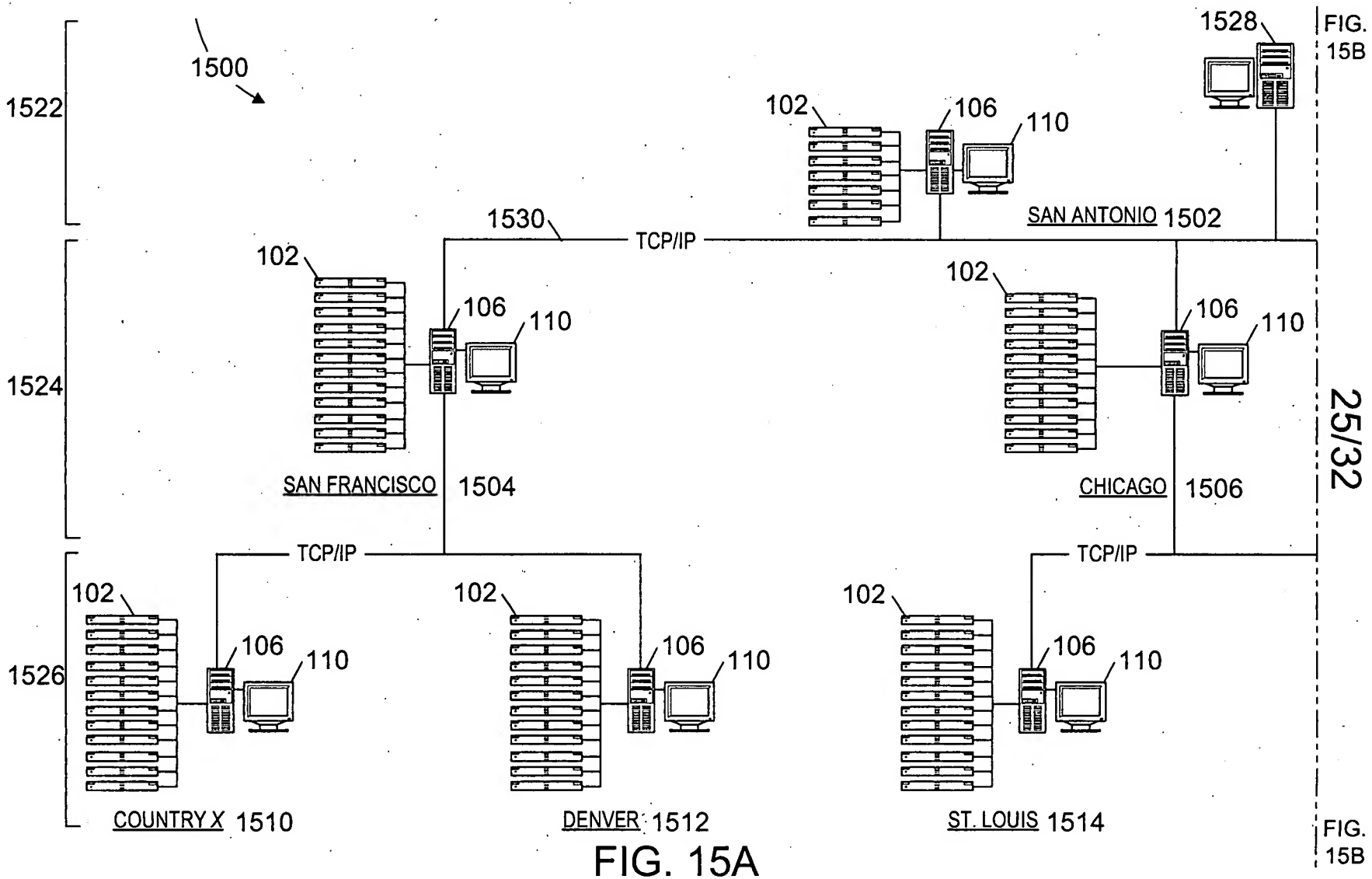

1500
1522
1524
1526
1528
102
106
110
1530
TCP/IP
SAN ANTONIO 1502
SAN FRANCISCO 1504
CHICAGO 1506
COUNTRY X 1510
DENVER 1512
ST. LOUIS 1514
FIG. 15B
25/32
FIG. 15B

FIG. 15A

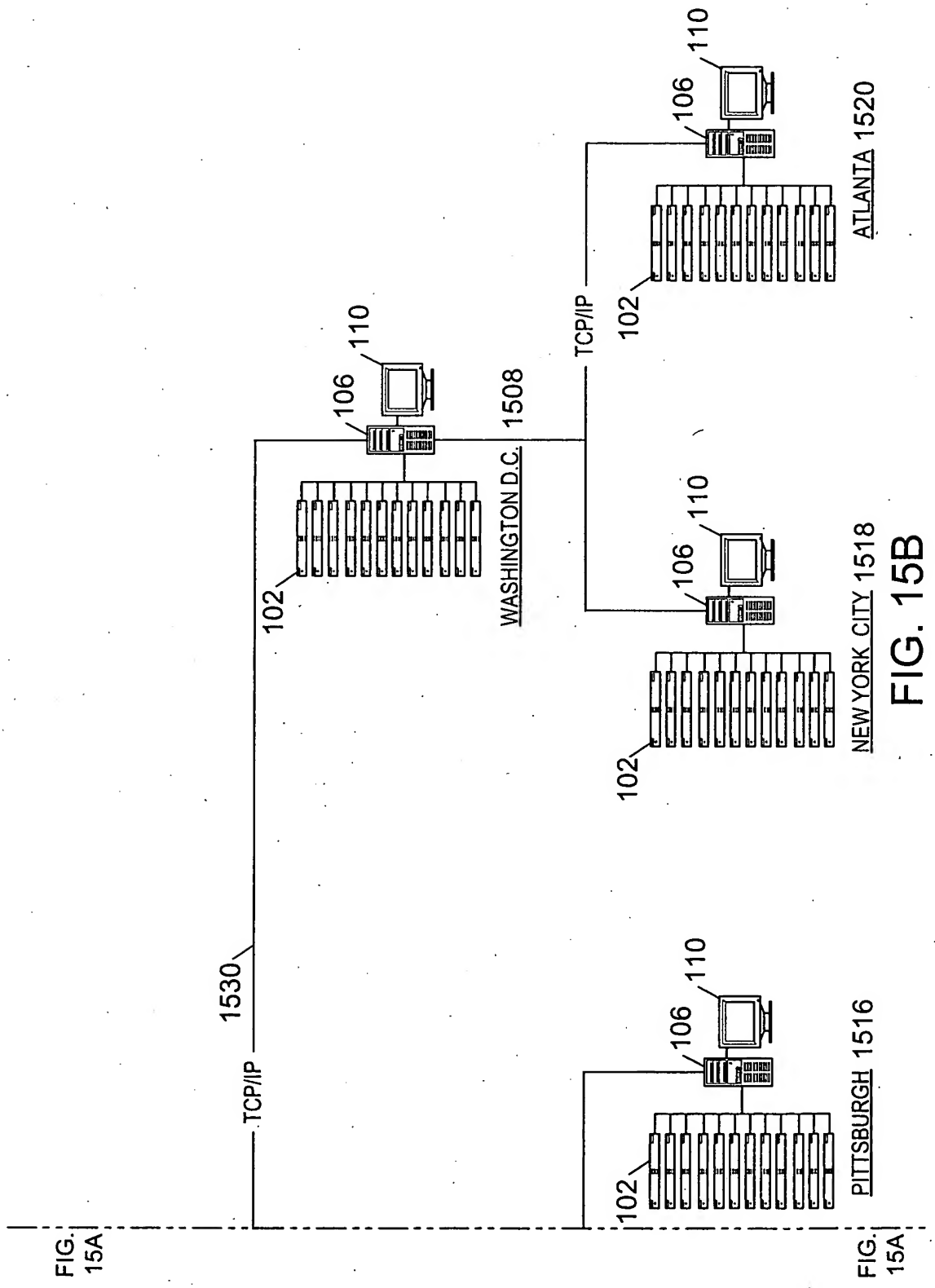


FIG. 15A
TCP/IP
1530
WASHINGTON D.C. 1508
ATLANTA 1520
NEW YORK CITY 1518
PITTSBURGH 1516
102
106
110
FIG. 15A

FIG. 15B

1542

SRB RULE	CLASS	DIRECTION	SOURCE	DESTINATION	CALL TYPE	ACTION	TRACK	DATE	TIME	INSTALL ON	COMMENT
1	R	OUTBOUND	VPSTN NON-SECURE	ANY	ANY	DENY	ROUTE, EMAIL(F), PAGE(F), LOG	ANY	ANY	ALL	DENYS OUTBOUND CALL FROM EXTENSION OR LINE FOUND TO BE NON-SECURE, ROUTES LOG UPWARD
2	R	INBOUND	ANY	VPSTN NON-SECURE	ANY	DENY	ROUTE, EMAIL(F), PAGE(F), LOG	ANY	ANY	ALL	DENYS INBOUND CALL TO EXTENSION OR LINE FOUND TO BE NON-SECURE, ROUTES LOG UPWARD
3	L	INBOUND	ANY	FAX-ONLY	FAX	ALLOW	SECURE MODE, LOG	ANY	9PM-6AM	SAN ANTONIO	ALLOWS AND SECURES INBOUND CALL TO FAX-ONLY GROUP BETWEEN 9PM AND 6AM, LOGS CALL, NO ROUTING UPWARD

FIG. 15D

FIG. 15C

FIG. 15D

FIG. 15C

FIG. 15C

4	L	INBOUND	ANY	DAILY RECEIVABLE	MODEM	ALLOW	SECURE MODE, LOG	ANY	ANY	SAN ANTONIO	ALLOWS AND SECURES INBOUND MODEM CALL TO DAILY RECEIVABLE GROUP, LOGS CALL, NO ROUTING UPWARD
5	R	OUTBOUND	ANY	*XXX* *	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES CALL TO COUNTRY *X*, LOGS CALL, NO ROUTING UPWARD
6	R	INBOUND	*XXX* *	ANY	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES CALL FROM COUNTRY *X*, LOGS CALL, NO ROUTING UPWARD
7	R	ANY	INTER-BRANCH	INTER-BRANCH	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES INTERBRANCH CALL, LOGS CALL, NO ROUTING UPWARD

FIG. 15E

FIG. 15E

FIG. 15D

FIG. 15D

FIG. 15D

8	O	OUTBOUND	EXEC STAFF, ENGINEERING	ANY	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES CALL FROM EXEC STAFF AND ENG. GROUPS, LOGS CALL, NO ROUTING UPWARD
9	O	INBOUND	ANY	EXEC STAFF, ENGINEERING	VOICE, FAX, MODEM, VTC	ALLOW	SECURE MODE, LOG	ANY	ANY	ALL	ALLOWS AND SECURES CALL TO EXEC STAFF AND ENG. GROUPS, LOGS CALL, NO ROUTING UPWARD
10	R	ANY	ANY	ANY	ANY	DENY	ROUTE, EMAIL(F), LOG	ANY	ANY	ALL	CATCH, DENY, ALERT, AND LOG ALL OTHER CALLS, ROUTES LOG UPWARD

FIG. 15E

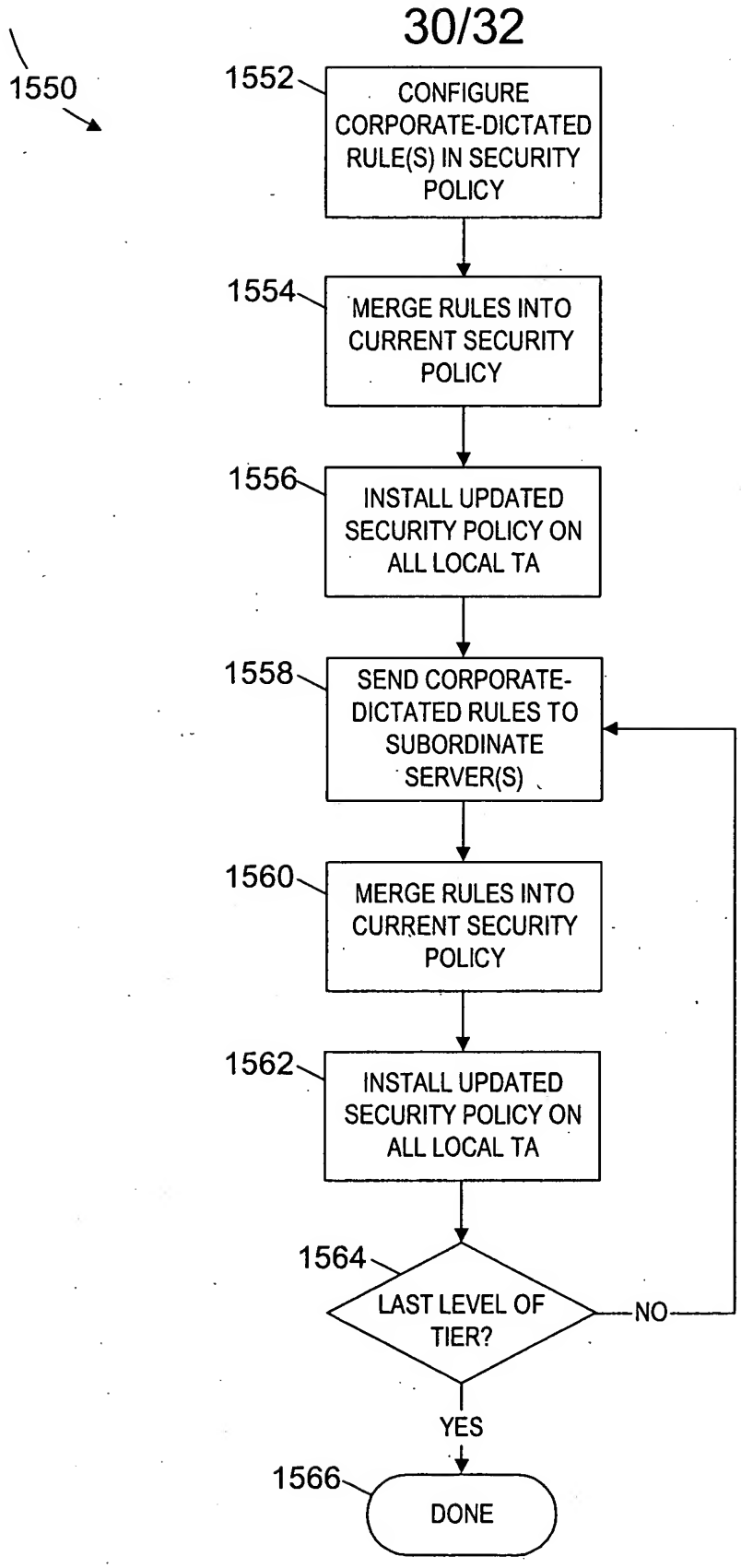

1550
1552
CONFIGURE CORPORATE-DICTATED RULE(S) IN SECURITY POLICY
1554
MERGE RULES INTO CURRENT SECURITY POLICY
1556
INSTALL UPDATED SECURITY POLICY ON ALL LOCAL TA
1558
SEND CORPORATE-DICTATED RULES TO SUBORDINATE SERVER(S)
1560
MERGE RULES INTO CURRENT SECURITY POLICY
1562
INSTALL UPDATED SECURITY POLICY ON ALL LOCAL TA
1564
LAST LEVEL OF TIER?
NO
YES
1566
DONE

FIG. 15F

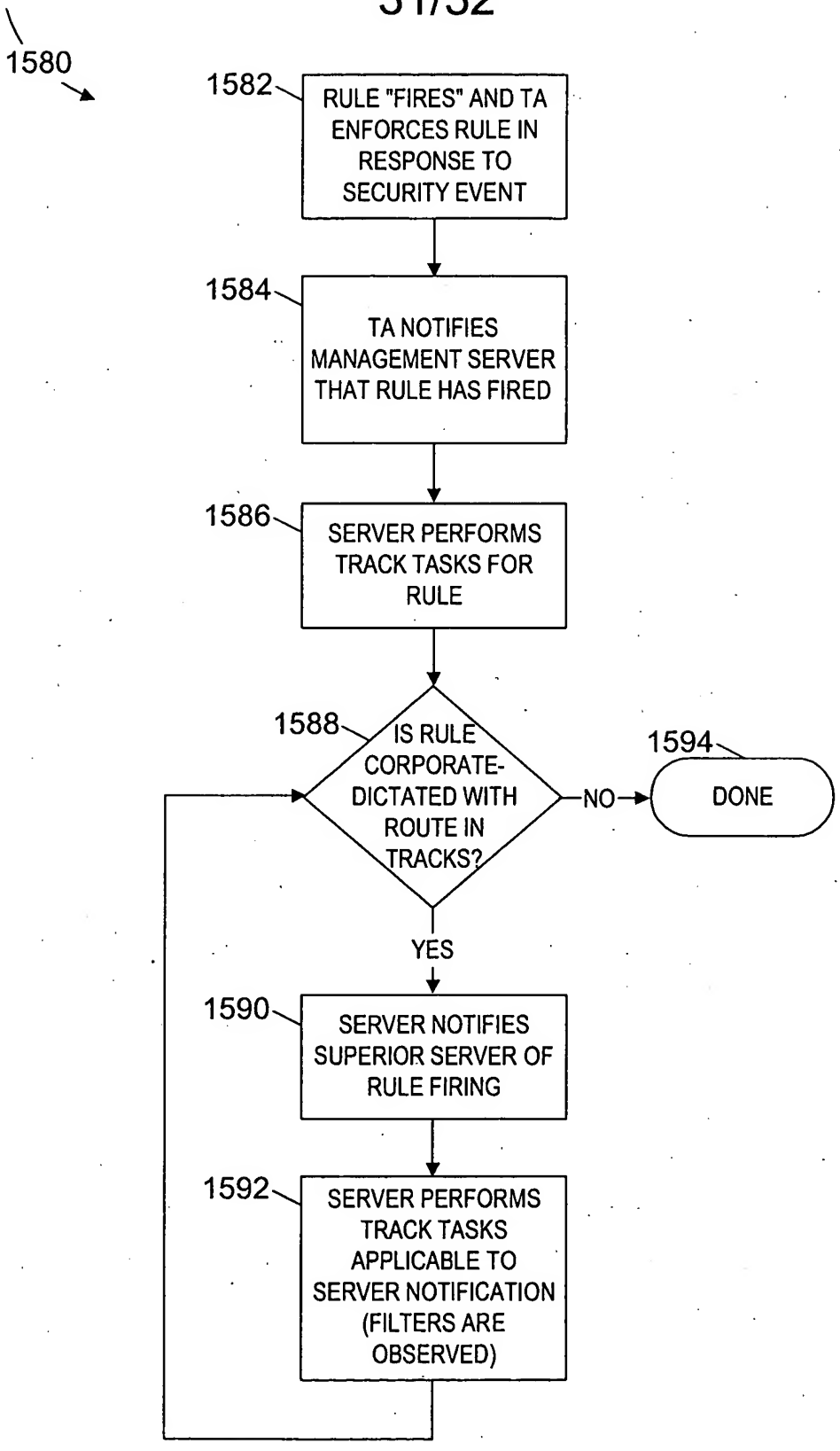

1580
1582
RULE "FIRES" AND TA ENFORCES RULE IN RESPONSE TO SECURITY EVENT
1584
TA NOTIFIES MANAGEMENT SERVER THAT RULE HAS FIRED
1586
SERVER PERFORMS TRACK TASKS FOR RULE
1588
IS RULE CORPORATE-DICTATED WITH ROUTE IN TRACKS?
NO
1594
DONE
YES
1590
SERVER NOTIFIES SUPERIOR SERVER OF RULE FIRING
1592
SERVER PERFORMS TRACK TASKS APPLICABLE TO SERVER NOTIFICATION (FILTERS ARE OBSERVED)

FIG. 15G

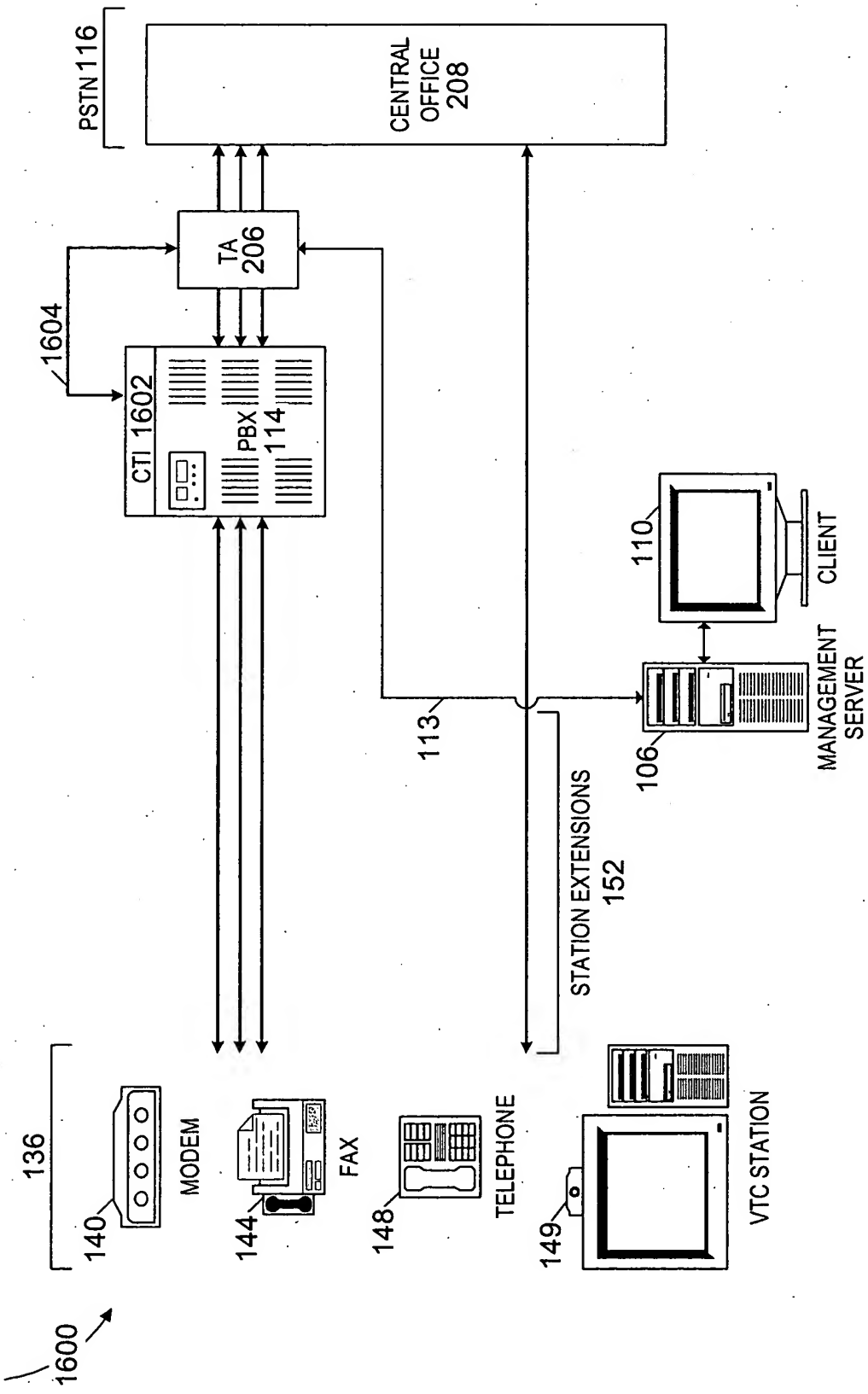

PSTN 116
CENTRAL OFFICE 208
TA 206
1604
CTI 1602
PBX 114
110
CLIENT
MANAGEMENT SERVER
106
113
STATION EXTENSIONS 152
136
140
MODEM
144
FAX
148
TELEPHONE
149
VTC STATION
1600

FIG. 16